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U.S. Navy Photo by Javier Chayoga

CYBERCOM Chief Motivates Summer Grads

By Barbara Honegger

A rousing keynote address by NPS Distinguished Alumnus Army Gen. Keith B. Alexander inspired 308 U.S. and international students during Summer 2010 graduation ceremonies, Sept. 24.

Alexander is Director of the National Security Agency/Chief, Central Security Service, the first Commander of the U.S. Cyber Command, and holds dual master of science degrees from NPS in Physics and Systems Technology/Electronic Warfare.

"This graduating class represents our best leaders and our brightest minds," Alexander told the assembled graduates. "We know this when we look at the list of alumni of this institution that includes the Chairman of the Joint Chiefs of Staff Admiral Mike Mullen, heads of state such as King Abdullah of Jordan, Secretaries of the Army and Air Force, the Commandant of the Marine Corps, and foreign defense secretaries. You are in that class of people – the visionaries we seek to be the front line leaders.

"In the 20th century, being a 'superpower' was defined by the ability to build and test nuclear weapons," Alexander added. "In the new 21st century, as more and more of our nation's treasure is stored in cyberspace, real power lies in the ability to protect and defend cyberspace. You can't be a superpower unless you can effectively defend your networks against all adversaries."

*"This graduating class represents our best leaders
and our brightest minds ... the visionaries we
seek to be the front line leaders."*

Monterey Council of the Navy League Award winner, naval information warfare officer Lt. Peter M. B. Harley, expressed his thoughts on joining Alexander as an NPS alumnus following the ceremonial cutting of the class cake.

"I have had a fantastic experience," Harley said. "In addition to providing a world-class education from a dedicated faculty, a unique aspect of the NPS experience is the opportunity to collaborate with research sponsors to solve real-world military challenges and have an effect on current operations. The knowledge I've gained during my time here is directly applicable to my follow-on assignment, and I look forward to making a positive impact at my next command, the Navy Information Operations Command."



NAVAL POSTGRADUATE SCHOOL

UPDATE
NPS

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OCTOBER 2010

A Message From ...

Dr. Doug Moses and Dr. Rob Dell, Co-Chairs, WASC Steering Committee



Dr. Doug Moses
Vice Provost for Academic Affairs



Dr. Rob Dell, Chairman
Dept. of Operations Research

Our institution has been actively involved for most of the past four years in a re-accreditation effort. Many of you have already been part of various committees and task forces or heard briefings, reviewed documents or engaged in activities to support this work. We are now approaching the culminating event of re-accreditation – the final visit by a team of higher education professionals on October 26th through 28th.

Most institutions of higher education in the United States are accredited by one of five regional bodies depending on geographical location. The Western Association of Schools and Colleges (WASC) is our accrediting organization and NPS has been accredited since 1955. Re-accreditation occurs roughly every 10 years. But the preparation is long. Four

We have used the requirement of accreditation review to conduct a thorough and robust self study and to make some important improvements in how we conduct the educational enterprise at NPS.

years ago, it began with the submission of our Proposal. This document set forth the three themes for re-accreditation: Planning for the Next Century, Integrating a Campus-Wide Program of Continuous Improvement, and Supporting an Evolving Academic Enterprise. Then, last March, we hosted the first visit of our peer team. That visit involved an examination of our capacity to provide quality graduate education through support services, facilities, finances, staffing and other resources. What the team found was an institution with impressive improvements in strategic planning, technology, operational and review processes and the result was a very positive team report.

This last and most crucial portion of the review centers on educational effectiveness – an examination of NPS' practices in evaluating student learning and educational programs. While the first visit centered on support areas, this visit focuses primarily on academics with faculty and students the primary focus. In looking over the past four years of effort,

what has NPS accomplished? What will our message to the WASC visiting team be?

Within the strategic planning theme, NPS has a strong, well implemented and documented planning effort that is carried out at every level from department through to the institution. There are improvements in linking budget allocation to planning and in increasing budgeting transparency. Communications to our constituents has improved through better and more broadly distributed publications, a new Web site, social media and videography.

Under the leadership of the Educational Effectiveness Steering Group, efforts in review and evaluation of programs have been identified, results are more consistently documented and best practices have been implemented across campus. The visiting team will see that NPS took an already strong and well-established curriculum review process to an even more comprehensive Review and Assessment Program (RAP). Practices such as thesis evaluation have grown into direct measures of student learning through the Capstone Assessment Program (CAP).

Finally, within the third theme of supporting the academic enterprise, NPS has made strides towards better space management and planning with a new inventory and revised allocation process. The resource allocation process is more comprehensive of all funding sources and programmatic budgeting is better linked to planning. The establishment of the Vice President for Finance and Administration position will result in better organization of business functions and the recent customer satisfaction survey has pointed the direction for subsequent improvements.

We approach the upcoming visit with the firm belief that NPS is once again demonstrating its excellence. We have used the requirement of accreditation review to conduct a thorough and robust self study and to make some important improvements in how we conduct the educational enterprise at NPS. In closing, we, as co-chairs of the NPS re-accreditation effort, would like to thank the many individuals who have contributed their time generously. Faculty, staff, students and administrators have worked hard to make this a meaningful and positive experience. We look forward to welcoming our WASC visitors at the end of this month.

EE Student Explores Expeditionary Energy for the USMC

By Amanda D. Stein

For Marine Corps Capt. Brandon Newell, the issue of alternative energy has long been one of concern. Well before the Department of Defense (DoD) recently began to prioritize alternative energy and conservation, Newell began searching for a scarce network of experts with similar concerns. In 1996, as an

"The Marines are trying to undergo a cultural shift in how we view energy."

Electrical Engineering student pursuing his bachelor's degree, Newell was disappointed at the availability of curriculum relevant to solar engineering, something he became interested in as far back as childhood.

Upon arriving at NPS to pursue his Master's in Electrical Engineering in 2008, Newell decided to go in a direction that was also seemingly uncharted territory within the

must provide commanders with the tools necessary to maximize the potential of these resources. If alternative power sources are used incorrectly or inefficiently – such as by employing them in locations where the solar and/or wind resources are poor – Marines will lose confidence in the capability of these power sources and will return to the fossil fuel-driven generators because of their consistent production.

"The Marines are trying to undergo a cultural shift in how we view energy. One way to do that is by creating metrics that truly evaluate the power demand impact of new technologies being introduced into the Corps," explained Newell. "So if you have programs that are power intensive, we didn't have a way to properly evaluate whether it was worth the cost. The other part of that shift is in behavior. It's about making deployed Marines aware that energy is a costly commodity in blood and treasure. Whether it's the amount of air conditioning we use or just our everyday habits. So we are trying to make behavioral changes in addition to equipment changes."

Those changes have finally begun to catch on across the services, and Newell sees only more promising things on the horizon. Most recently, a powerful partnership was formed to ensure the most energy-conscious minds in the government are working together towards a common goal.

Earlier this year, the Departments of Defense and Energy signed a Memorandum of Understanding (MOU) in support of a joint mission to secure

the safety of troops overseas, and to continue to explore efficient use of resources throughout the services, including the use of renewable energy, alternative fuels, water efficiency and deployable power supplies, to name a few.

For Newell, the MOU symbolizes more than just the partnership. It represents all of the progress being made in establishing safer, more reliable resources for the troops.

Electrical Engineering student Marine Corps Capt. Brandon Newell speaks about expeditionary energy as part of a Brown Bag Lecture Series hosted by the Cebrowski Institute. His work as a member of the Afghanistan Marine Energy Assessment Team (MEAT) led to the establishment of the Marine Corps Expeditionary Energy Office, where Newell will be reporting for duty following graduation in September. (U.S. Navy Photo by MC1 Grant P. Ammon.)

military at that time. He focused his thesis on alternative energy and meeting the demand for the warfighter overseas. Newell is a passionate believer that it is critical that the DoD establish alternatives to costly fuel for many reasons.

"It is not enough for the Marine Corps to purchase alternative energy systems such as solar panels and wind turbines," noted Newell in his thesis project. "The Marine Corps

from the
MEZZ

Executive Vice President and Provost Leonard Ferrari's appointment is scheduled for its five-year review at this time.

President Oliver established a Review Committee to collect relevant information and to provide a recommendation for his consideration. Members of the Provost Review Committee are: Professor Doug Brook (GSBPP); Professor Bill Colson (Chair of the Committee, GSEAS); Professor Peter Denning (Chair, Computer Science GSOIS, Director, Cebrowski Institute, Faculty Council representative); Dr. Christine Haska (Vice Chair of the Committee, Information Resources); Professor Elisabeth Paté-Cornell (NPS Board of Advisors); Dean Jim Wirtz (SIGS); and, Capt. Janice Wynn (Student Services).

President Oliver asked that the following principles be used to guide the review process: broad consultation, confidentiality of the process, understanding of the Executive Vice President and Provost position description, and constructive NPS and external feedback. The Committee will solicit input from the campus following these principles.

The Committee had its first meeting in September, and is expecting to complete its data collection and consultation by November 15, and to complete its deliberations by early December with a final report to the President soon after.



UPDATE NPS

Have a story to share?
Institutional Advancement is constantly seeking interesting news and stories for Update NPS. Send your tips to update@nps.edu.



NPS' newest Distinguished Professors, from left, Ching-Sang Chiu, Herschel H. Loomis, Patricia A. Jacobs, Kenneth J. Euske and Jon T. Butler, proudly display their medals following Summer graduation. Distinguished Professor Young W. Kwon, not shown, was also awarded the distinction. (U.S. Navy Photo by Javier Chayoga.)

University Recognizes Newest Distinguished Faculty

By MC1 Leonardo Carrillo

Six members of the Naval Postgraduate School faculty were recognized as Distinguished Professors during the summer quarter graduation ceremony in King Auditorium, Sept. 24.

"The title of Distinguished Professor is an honorary title conferred upon a small number of NPS faculty in recognition of the exceptional and sustained scholarly accomplishments that they have made, and continue to make," noted NPS Executive Vice President and Provost, Leonard Ferrari in a memorandum announcing the recipients.

The professors were formally recognized during the quarterly graduation ceremony, with a silver medal presented by NPS President Dan Oliver in front of the attending faculty, students, staff and friends and family. The medal is to be worn with all of their academic regalia and they are entitled to use the academic title of Distinguished Professor.

"I am very honored to receive this title and to join the ranks of NPS colleagues who have been awarded this title. I thank my colleagues at NPS and elsewhere who contributed to the case for awarding me this," said Distinguished Professor of Operations Research Patricia A. Jacobs.

"Among graduate schools, NPS is notable for its student body of career U.S. and international military officers and Department of De-

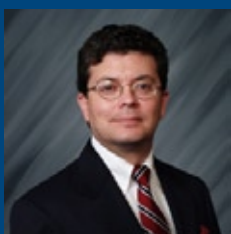
fense employees," she continued, and "for its research emphasis on problems in defense and national security. It is a privilege to work with the students and my colleagues on these problems of national importance."

Distinguished Professor Young W. Kwon was away on temporary duty and was not able to attend the ceremony, but noted he would proudly don his medal during subsequent ceremonies.

"I am honored with the title," said Kwon, a member of the Department of Mechanical and Aerospace Engineering in the Graduate School of Engineering and Applied Sciences. "I am also very happy to see that my contribution to NPS and Navy/DoD has been recognized. Recognition and appreciation are important to boost the morale in the workplace."

The six recipients of the prestigious honor include Distinguished Professor Jon T. Butler, Department of Electrical and Computer Engineering; Distinguished Professor Ching-Sang Chiu, Department of Oceanography; Distinguished Professor Kenneth J. Euske, Graduate School of Business and Public Policy; Distinguished Professor Young W. Kwon, Department of Mechanical and Aerospace Engineering; Distinguished Professor Herschel H. Loomis, Department of Electrical and Computer Engineering and Space Systems Academic Group; and Distinguished Professor Patricia A. Jacobs, Department of Operations Research.

Business School Professor Honored With Hamming Award



Rene Rendon

By MC1 Grant P. Ammon

Associate Professor Rene Rendon of the Graduate School of Business and Public Policy (GSBPP) has been named the 2010 Richard W. Hamming Teaching Award winner, announced by Executive Vice President and Provost Leonard Ferrari on Sept. 8. Rendon was recognized for his exceptional teaching skills and commitment to interdisciplinary scholarship.

"He [Professor Rendon] has demonstrated outstanding teaching skills, displays an intense desire to further students' learning via advisement, is superbly effective in interdisciplinary venues, and exhibits an extraordinary drive to extend students' learning beyond NPS curricula," said Ferrari.

Team Monterey Visits County Military Research, Training Partners

By MC1 Leonardo Carrillo

Leaders from the various DoD and national security organizations around the Monterey bay area, collectively known as Team Monterey, made a visit to some of the installations they collaborate with in facing national defense issues and local challenges.

“Our visit to Fort Hunter Liggett and Camp Roberts was really outstanding,” said Mike Clancy, Technical Director for the Navy’s Fleet Numerical Meteorology and Oceanography Center. “We got to see some cutting-edge technology up close and personal, and it clearly demonstrated how collaboration and synergy among the Team Monterey institutions is contributing enormously to our national defense.”

The purpose of the trip was for these leaders to better familiarize themselves with the capabilities as well as the layout of the installations. All this is part of the vision of Congressman Sam Farr, D-Calif., who felt a collaborative team environment would connect these units and apply their capabilities

in a joint, collaborative way to solve national security issues, as well as challenges in the local area.

Congressman Farr first realized the need for this type of union during the Base Realignment and Closure (BRAC) process. While studying the different facilities, he became aware of the multiple capabilities and enormous potential of these installations.



Army Col. James Suriano, Commander, U.S. Army Garrison Fort Hunter Liggett discusses part of his facility with NPS President Dan Oliver during a tour for Team Monterey. (U.S. Navy Photos by MC1 Leonardo Carrillo.)

Seminar Focuses on Inter-Agency Assistance in HA/DR Missions

By MC1 Grant P. Ammon

Whether it’s an earthquake in South America or mass flooding in Eurasia, natural disasters can strike anytime, anyplace. The U.S. military and the Office of Foreign Disaster Assistance (OFDA) U.S. Agency for International Development (USAID) routinely respond to these humanitarian assistance/disaster relief (HA/DR) missions and participate in relief efforts side-by-side. To hone these joint response efforts, NPS’ Center for Stabilization and Reconstruction Studies (CSRS) presented the Joint Humanitarian Operations Course (JHOC) to military students Sept. 21- 24.

“The chaos that ensues directly after a disaster is not the time to learn the roles and capabilities of other agencies,” said Arielle Giegerich, a USAID, OFDA advisor and JHOC presenter. “When we’re dealing with time sensitive HA/DR missions it’s an advantage to have these relationships already established.

“When the United States Government (USG) provides humanitarian assistance or

disaster response efforts, OFDA is the lead federal agency,” said Giegerich. “We’re not on multiple missions, we work together to provide a singular USG response.”

Responding as one USG team strengthens aid efforts and focuses vital resources to ensure an adequate and sustainable response. “It’s absolutely essential for us (the USG) to provide an effective, efficient and appropriate response,” said Giegerich. “Teaching courses like these to the military helps to ensure this is the type of response we always give.”

Students of the course were able to see the practical applications of techniques and content covered in the course.

“I’ll be mobilizing to Combined Joint Task Force Horn of Africa (CJTF HOA) in the very near future, and working for the future operations directorate,” said Cmdr. John Brown. “I expect to be involved in the planning of HA projects and have the very real potential of being a responder to disaster relief efforts in that area of operations.”

FACULTY news & notes

Space Systems Academic Group (SSAG) faculty member **Lt. Col. Timothy Sands** has been nominated for the Theodore Von Karman Award. The award is an Air Force Association Aerospace Award given for the most outstanding contribution to national defense in the field of science and engineering related to aerospace activity.

GSBPP Assoc. Profs. **Keith Snider** and **Rene Rendon** and **Elisabeth Wright** from SIGS participated in the 4th International Public Procurement Conference in Seoul, Korea, an international forum to advance public procurement through sharing best practices, innovation and knowledge.

GSBPP Prof. **Joseph G. San Miguel** has been awarded Honorary Membership in the American Institute of Certified Public Accountants.

Published this Quarter

Prof. Lawrence R. Jones, Rear Adm. George F. A. Wagner Chair in Public Management, recently published his 18th book titled, *Arming America at War: A Model for Rapid Defense Acquisition in Time of War*, (Charlotte, NC: Information Age Publishing, 2010). The book is coauthored with former NPS U. S. Army students Seth Blakeman, Anthony Gibbs and Jeyanthan Jeyasingam.

Asst. Prof. Ted Huffmire of the Computer Science (CS) Department recently published a book, *Handbook of FPGA Design Security*, co-authored with **Prof. Cynthia Irvine**, **Research Assoc. Thuy D. Nguyen**, **Research Assoc. Prof. Timothy Levin**, UC San Diego Assoc. Prof. Ryan Kastner and UC Santa Barbara Assoc. Prof. Timothy Sherwood. The book provides a practical approach to managing security in FPGA designs.

Send your faculty news and notes to update@nps.edu.

Alumnus Ron Ross' SGL Discusses Cybersecurity

By Amanda D. Stein

National Institute of Standards and Technology (NIST) senior computer scientist and information security researcher Dr. Ron Ross presented a lecture to students, staff and faculty on the new challenges in cybersecurity, and where the needs will be in the future. Ross received both his master's and Ph.D. degrees from NPS in Computer Science and leads the Federal Information Security Management Act (FISMA) Implementation Project.

"Cybersecurity is one of these things that cuts across disciplines," said Ross. "Information technology is at the heart of everything we do. Computer systems are fueling our ability to achieve mission success. And in order for us to be successful and carry out those missions, the technology that we deploy today must be dependable.



Senior computer scientist, researcher at the National Institute of Standards and Technology, Dr. Ron Ross presents an SGL to NPS students, staff and faculty Sept. 7. Ross leads the Federal Information Security Management Act (FISMA) Implementation Project and is both a master's and doctoral graduate of NPS. (U.S. Navy Photo by MC2 John Fischer.)

And in order for that technology to be dependable, we have to make sure that it is properly secure."

Ross spoke about the importance of ensuring government systems are protected from even the most accidental security breaches. He gave the example of a Department of Veterans Affairs scare where a stolen laptop could have compromised personally identifiable information for over 26 million veterans. Fortunately, the computer was recovered and the data was not infiltrated, however the incident served as a startling reminder.

"The ultimate solution to that problem is very simple," explained Ross. "It's called full disk encryption. What happened after this incident is that now our portable and mobile devices such as laptop computers are being outfitted with full disk encryption capability and we have a very low cost solution that makes that problem go away ... A lot of these measures are based on awareness."

Additional security measures have also been established in response to various other threats and attacks, and have propelled cybersecurity into the spotlight lately within the DoD. Deputy Secretary of Defense William Lynn recently called cyber the "fourth domain", making it a focus alongside air, sea and land. And on June 23, U.S. Defense Secretary Robert Gates signed a memorandum establishing the U.S. Cyber Command (CYBERCOM) to be led by Army Gen. Keith Alexander.

"CYBERCOM is a great example of how we are unifying our forces," explained Ross. "This is a great opportunity now to grow the next generation – the kinds of folks that are going to be critical to keeping our missions operational. Things we didn't consider previously, we now have to consider routinely. We need the cyber warriors to be able to understand what the problems are. We are about 35,000 people short at the federal level with cybersecurity skills. Many of those skills are being developed right here at the Naval Postgraduate School. There are invaluable programs here training and educating the next generation of cyber warriors. And we can't get them to the field fast enough."

Focus On ...

A Monthly Look at Names and Faces on Campus

Well recognized and often smiling, **Ashley DeCarli** (shown left) will soon say adieu to her position in the School of International Graduate Studies (SIGS) as Dean Jim Wirtz's Secretary. DeCarli arrived with a background in teaching and musical theatre and now departs with a master's degree, and a self-proclaimed mastery of military acronyms. Inspired most of all by the "professional, intelligent, caring individuals" from around the world she has met, Ashley says she appreciates

the many friendships she has made through supporting SIGS. Although she intends to "always keep a smile on my face" as she moves ahead, Ashley admits that "it will be hard for any position I have in the future to match up with a team like I had in SIGS."

Bravely stepping into the position, the school will soon welcome **Diana Beckett-Hile** (shown right), whose organizational skills, passion for international affairs, and enthusiasm for learning about organizational

and political structures should prove to be valuable assets. A former teacher for special needs children and an investigator with San Francisco's Habeas Corpus Resource Center, Diana is "excited to become immersed in the academic environment at NPS." Diana also intends to enroll in the NPS work-study master's program in Security Studies, and learn more about the implications of historical events on contemporary issues.

Welcome to NPS!



U.S. Navy Photo by Javier Chayoga.

Any Day at NPS ...



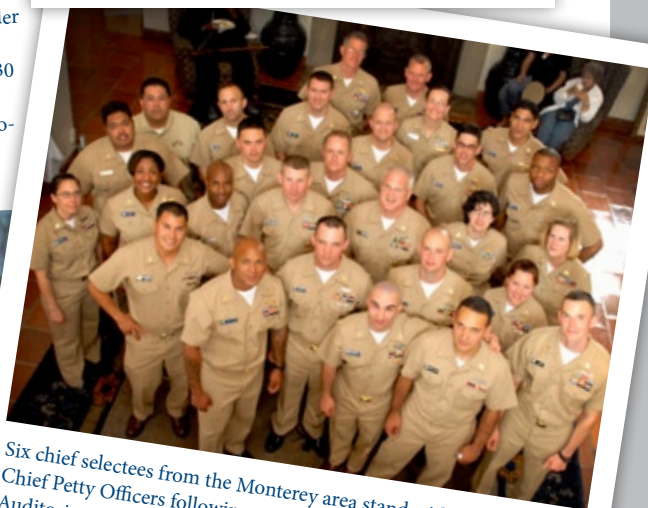
"Proud to be NPS alumni and proud to serve," wrote '07 National Security Affairs graduate Air Force Capt. Don "Shrek" Moss, second from left. Moss sent in this picture from his current post in the Middle East, where he met up with fellow NPS graduate Lt. Col. Kevin Kennelly, third from left, who is flying one of the Air Force's newest and most advanced aircraft, the MC-12. (Photo courtesy of Capt. Don Moss.)

Australian Meteorologist Gary Foley looks at a live picture of Typhoon Fenapi as it developed momentum towards Taiwan, Sept. 17. Foley is part of a team of meteorologists at NPS, gathering data, sharing models, and predicting typhoons in support of a research effort into how typhoons impact the ocean beneath them. (U.S. Navy photo by Javier Chagoya.)



AT2 Josh Coon (left) and ST2 Phil Slocum prepare to raise the American Flag during a remembrance ceremony to honor the men and women who lost lives and loved ones during the Sept. 11, 2001 terrorist attacks. NPS staff, faculty and students gathered Sept. 10 to pay tribute to those men and women in a ceremonial observation of morning colors and a moment of silence on the NPS campus. (U.S. Navy photo by Javier Chagoya.)

Michael Fisher, Chief of U.S. Customs and Border Patrol, talks to attendees at the 2010 Homeland Security Conference held at NPS from August 30 to September 3. Fisher shared the current state of affairs along the southern border, and the progress being made in apprehension and intelligence. (U.S. Navy photo by Javier Chagoya.)



Six chief selectees from the Monterey area stand with their fellow Chief Petty Officers following a pinning ceremony in the Cristo Ray Auditorium at NPS, Sept. 16. The newly pinned chiefs include CTIC (SW/NAC) Art Muradov, CTIC (NAC/AW) Ralph Bass, CTIC (SG) Nathan Jones, ETC (SS) Branden Wallis, YNC (AW/SW) Jeffrey Steele and CTIC (SW) Matthew Monroe-Jimenez. (U.S. Navy photo by MC1 Leonardo Carrillo.)

STUDENT voice

By Maj. Kris Zhea

Fellow students, as I step down and hand off the Student Council reins I wanted to take a moment to tell you about some of the items the Student Council has been involved with over the past six months.

Thanks to the great folks at ITACS we have a revamped Student Council Web site. If you have not seen it lately, or didn't know one existed, I encourage you to take a look at intranet.nps.edu/psc/index.html.

We also garnered approval for a new Special Liberty/Leave Pass as well as extending the post-graduation checkout from five to seven calendar days. Take a look at the new student handbook for details on both of these. Lastly, we assisted staff in identifying and opening additional parking spaces.

The Student Council has been briefed on many events that students will see take place in the coming months, such as upgrading the 10th St. pedestrian gate to a two-way gate, the addition of a Starbucks to the Library, more new furniture and study spaces in the Library, relocating the Del Monte Café to accommodate indoor dining and acquiring two new airplanes for the Aero-club.

As I mentioned above, I will be stepping down from the Student Council, and Major Randy Staab will become the new Student Council Chair, with Lieutenant Scott Cole serving as Vice Chair. Representing over 1,700 students is no small order. I encourage everyone to get involved in school activities, be it with Student Council or one of the many other committees and groups across campus.

Your NPS experience will be what you make it to be.

Maj. Kris Zhea is the outgoing Chair of the President's Student Council.

On Campus this Month

October 14

Rear Adm. Thomas Meek, USN
Commander, Navy Cyber Forces
Navy Ball Guest Speaker, NPS site visit
POC Lt. Cmdr. Kenny Myrick Ext. 2491

U.S. Navy Photo by MC2 Joshua J. Wahl

October 14

Dudley Knox Library
Dedication of Special Collections & Archives
POC Eleanor Uhlinger Ext. 2343

October 18

Dr. Rosa Yang
Vice President, Electric Power Research Institute
GSEAS Distinguished Lecture Series
POC Brian Hafemeister Ext. 2757

U.S. Army photo by Spc. Megan Burnham

October 25

Solar Panel Ribbon Cutting - Spanagal Hall Roof
Congressman Sam Farr and President Dan Oliver
POC Alan Richmond Ext. 3649

U.S. Navy Photo by Javier Chayoga

October 26

Dr. Thomas Barnett
Managing Director, Enterra Solutions, LLC
Secretary of the Navy Guest Lecture
POC Lt. j.g. Patricia Bouldin/Protocol Ext. 7773

U.S. Navy Photo by Javier Chayoga

October 26-28

Western Association of Schools and Colleges (WASC)
NPS site visit, Final phase of accreditation
POC Dr. Fran Horvath Ext. 2228

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www.nps.edu/video/portal



Historical Highlights

Capt. Herman Spanagel became the head of NPS in 1944 and served as the institution's senior officer until 1950. He also played a critical role in achieving Congressional approval to give NPS degree-granting authority and to purchase the Hotel Del Monte for a new campus.

In October 1948, the *Journal of Engineering Education* published a speech by Spanagel titled, "Postgraduate Education for Naval Personnel" in which he noted, "World War II served as a concrete example of the benefits of education in this country." Spanagel's main message: "We must keep abreast of progress and anticipate the needs of the future by building a firm educational foundation to ensure the security of our Nation."

Historical Highlights are provided by the Dudley Knox Library.

